

**El Paso Community College**  
**Syllabus**  
**Part II**  
**Official Course Description**

<b>SUBJECT AREA</b>	<u><b>Radiation Therapy Technology</b></u>
<b>COURSE RUBRIC AND NUMBER</b>	<u><b>RADT 1205</b></u>
<b>COURSE TITLE</b>	<u><b>Technical Procedures I</b></u>
<b>COURSE CREDIT HOURS</b>	<u>    <b>2</b>    <b>1</b>    :    <b>3</b></u> Credits  Lec   Lab

**I. Catalog Description**

Develops skills in therapeutic practices relating to the field of radiation therapy with emphasis on basic patient set up, treatment technique and portal imaging. A grade of a “C” or better is required in this course to take the next course. **(1:3). Lab fee.**

**II. Course Objectives**

Upon satisfactory completion of this course, the student will be able to

- A. Demonstrate use of the following Radiation Therapy Equipment: simulators, superficial and orthovoltage units, megavoltage units (linear accelerator and specialized units), and emerging technologies
- B. Provide patient care-giving
- C. Localize tumors
- D. Perform patient positioning and reproducibility
- E. Expose radiographs
- F. Process images
- G. Delineate and measure treatment field
- H. Document treatment parameters
- I. Observe and communicate appropriately with patients during treatment
- J. Perform emergency medical procedures
- K. Utilize beam directional devices and beam modification devices
- L. Utilize patient positioning and immobilization devices

**III. THECB Learning Outcomes (WECM)**

- 1. Perform basic treatment set-ups.
- 2. Describe the principles surrounding basic radiation therapy techniques.

**IV. Evaluation**

- A. Grading Scale
  - 93-100 =A
  - 85-92 =B
  - 75-84 =C
  - 74 and below =F

A grade of 75% or above is required to successfully complete this course.

Revised by Discipline: Fall 2015 (next revision in 3 years)

**V. Disability Statement (American with/Disabilities Act [ADA])**

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

**VI. 6 Drop Rule**

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.